

# General Index

## Authors Index

Abrahamsen T. G. et al. 51  
 Acolet D. et al. 189  
 Adams A. and Menahem S. 800  
 Adderley R. J. and Cimolai N. 465  
 Agarwal D. K. et al. 115  
 Agarwal K. N. et al. 873  
 Ahlsten G. et al. 671  
 Albertsson-Wikland and K. Lannering B. 562  
 Amarnath U. M. et al. 538  
 Andersson C. and Jakobsson I. 629  
 Andréasson B. et al. 194  
 Annerén G. et al. 879  
 Axelsson I. et al. 532

Bangstad H.-J. et al. 488  
 Bennet R. et al. 40  
 Bennhagen R. and Holmberg L. 34  
 Bhargava M. et al. 321  
 Bhan M. K. et al. 265  
 Blom L. et al. 858  
 Bodegård G. and Fyrö K. 123  
 Boehm G. et al. 677  
 Bouglé D. et al. 319  
 Bremer H. J. and Koletzko B. 513  
 Brik R. et al. 331  
 Brodersen R. and Honoré B. 342  
 Brunser O. et al. 259  
 Brämwig J. H. et al. 296

Carmant L. and Guennec le J.-C. 789  
 Clausen N. et al. 736  
 Clemens P. C. and Neumann R. S. J. 447  
 Colding H. et al. 840  
 Courtens W. et al. 806  
 Cruz J. R. et al. 522  
 Cutting W. A. M. et al. 253

Dawod S. T. and Osundwa W. M. 968  
 Del Principe D. et al. 327  
 Diez J. and Rivilla F. 782  
 Dollberg S. et al. 131  
 Donovan S. M. and Lönnerdal B. 171  
 Donovan S. M. and Lönnerdal B. 497  
 Dressler F. et al. 767

Elder D. E. and Robertson N. C. R. 631  
 Ellison P. et al. 210  
 Eriksson M. et al. 944  
 Espersen F. et al. 56  
 Estevez M. E. et al. 87  
 Esumi N. et al. 268

Feigelson J. 317  
 Fiorillo A. et al. 455  
 Fontana M. et al. 682  
 Forsythe A. and Wolf S. M. 291

Fuglsang G. et al. 786  
 Fyrö K. and Bodegård G. 123

Garaventa A. et al. 473  
 Gerver W. J. M. et al. 307  
 Geven W. and Haraldsson A. 956  
 Gillberg C. and Steffenburg S. 314  
 Gortner L. et al. 706  
 Grant D. B. et al. 889  
 Greenough A. et al. 829  
 Guennec le J.-C. and Carmant L. 789  
 Guillois B. et al. 369  
 Gunnlaugsson G. et al. 62  
 Gustafsson G. et al. 104

Hagberg B. et al. 283  
 Hagberg B. et al. 664  
 Hagelsteen J. H. et al. 721  
 Hagenfeldt L. et al. 278  
 Hakeem V. and Oleesky D. A. 893  
 Halvorsen S. and Tangsrud S. E. 100  
 Hammad E. et al. 963  
 Hansen L. P. et al. 451  
 Haraldsson A. and Geven W. 956  
 Heiervang E. et al. 74  
 Hermanussen M. et al. 555  
 Hijazi S. S. et al. 23  
 Holmberg L. and Bennhagen R. 34  
 Honoré B. and Brodersen R. 342  
 Huttunen N.-P. et al. 271  
 Høiby N. and Pedersen S. S. 395

Irgens L. M. et al. 228  
 Iselius L. et al. 592  
 Isolauri E. et al. 685  
 Ivarsson S. A. et al. 633

Jakobsson I. and Andersson C. 629  
 Johansen K. et al. 959  
 Joseph Jr F. and Rosenberg A. J. 775

Karpathios T. et al. 125  
 Kemp A. S. and Van Asperen P. P. 239  
 Khourieh M. 653  
 Kikuchi K. et al. 479  
 Kimpen J. et al. 233  
 Kellner G. et al. 390  
 Knudsen A. 217  
 Kobayashi A. et al. 129  
 Koctürk T. and Zetterström R. 817  
 Kohyama J. et al. 482  
 Kojima T. et al. 29  
 Kojima T. et al. 793  
 Koletzko B. and Bremer H. J. 513  
 Kottek S. S. 777  
 Kumar R. et al. 149  
 Kvist E. et al. 754

- Küster W. 627  
Källén B. 657
- Labruné P. et al. 811  
Lamberg B.-A. et al. 419  
Lannering B. and Albertsson-Wikland K. 562  
Lanning P. et al. 717  
Laudignon N. et al. 133  
Leaf A. A. et al. 436  
Legido A. et al. 440  
Lepage P. et al. 763  
Lerner A. et al. 81  
Leonhardt A. et al. 853  
Lerner A. et al. 384  
Leung S. S. F. et al. 303  
Levy-Marchal C. et al. 712  
Lindblad F. et al. 935  
Lundell K.-H. et al. 620  
Lönnerdal B. and Donovan S. M. 171  
Lönnerdal B. and Donovan S. M. 497
- Magauffa L. et al. 549  
Manca F. et al. 597  
Mandel H. et al. 797  
Manz F. et al. 525  
Massa G. and Vanderschueren-Lodeweyckx M. 971  
Mastella G. and Valetta E. A. 784  
Mathers N. and Pohlandt F. 835  
Mejare I. and Mjönes S. 110  
Mellbin T. and Vuille J.-C. 568  
Mellbin T. and Vuille J.-C. 576  
Menahem S. and Adams A. 800  
Moro G. et al. 18  
Murtaza A. et al. 701  
Mäkipernaa A. 728
- Nagar H. et al. 804  
Naglo A.-S. and Wide K. 918  
Nelson N. et al. 351  
Neumann R. S. J. and Clemens P. C. 447  
Nielsen F. 469  
Nishi Y. et al. 136  
Nissinen M. et al. 747  
Nylander I. et al. 1
- Okayasu T. et al. 930  
Oleesky D. A. and Hakeem V. 893  
Olusanya O. et al. 94  
Osundwa W. M. and Dawod S. T. 968  
Owa J. A. 848
- Pærrregaard A. et al. 950  
Patra F. C. et al. 379  
Patterson B. E. et al. 780  
Pedersen S. S. and Højby N. 395  
Perez N. et al. 637  
Perheentupa and J. Virtanen M. 412  
Persson L. Å. et al. 865  
Petersen S. et al. 347  
Pike M. G. and Warner J. O. 463  
Pohlandt F. and Mathers N. 835
- Prentice A. et al. 505  
Prellner K. et al. 911  
Pöysä L. et al. 896  
Pöysä L. 902
- Raine J. et al. 644  
Rehling M. et al. 601  
Reifen R. M. et al. 954  
Riikonen R. et al. 581  
Rivilla F. and Diez J. 782  
Robertson N. C. R. and Elder D. E. 631  
Rodriguez C. et al. 337  
Rylander E. et al. 449  
Rosenberg A. J. and Joseph Jr F. 775
- Sacher M. et al. 647  
Sartorio A. et al. 329  
Sartori P. et al. 476  
Schollin J. et al. 615  
Schlesinger Y. et al. 635  
Sharples P. M. et al. 641  
Sinaniotis C. A. et al. 453  
Steffenburg and S. Gillberg C. 314  
Stromquist C. et al. 639  
Svenningsen N. W. et al. 180  
Svensson K. and Wille S. 544  
Søvik O. 161
- Tam A. Y. C. et al. 458  
Tan J. and Wu S.-H. 222  
Tangsrud S. E. and Halvorsen S. 100  
Tappin D. M. et al. 923  
Tedgård U. et al. 692  
Thanopoulos B. D. et al. 141  
Thanopoulos B. D. et al. 742  
Tolone C. 907  
Tseng R. Y. M. et al. 127
- Valetta E. A. and Mastella G. 784  
Van Asperen P. P. and Kemp A. S. 239  
Van Bel F. et al. 205  
Van Maldergem L. et al. 325  
Van Ravenswaaij-Arts C. M. A. et al. 3  
Vanderschueren-Lodeweyckx M. and Massa G. 971  
Vanto T. et al. 961  
Warner J. O. and Pike M. G. 463  
Weiss M. et al. 152  
Wennergren G. et al. 11  
Vesikari T. et al. 44  
Wide K. and Naglo A.-S. 918  
Wille S. and Svensson K. 544  
Virtanen M. et al. 67  
Virtanen M. et al. 405  
Virtanen M. and Perheentupa J. 412  
Wit J. M. et al. 426  
Wolach B. et al. 364  
Wolf S. M. and Forsythe A. 291  
Vries de H. R. et al. 373  
Wu S.-H. and Tan J. 222  
Vuille and J.-C. Mellbin T. 576  
Vuille and J.-C. Mellbin T. 568

Yagupsky P. et al. 952  
 Yamashita Y. et al. 965  
 Yamauchi Y. and Yamanuchi I. 824  
 Yamauchi Y. and Yamanuchi I. 844  
 Yamanuchi I. and Yamauchi Y. 824  
 Yamanuchi I. and Yamauchi Y. 844  
 Yokochi K. et al. 588

Zaba R. 323  
 Zamboni G. et al. 885  
 Zetterström R. and Kocürk T. 817  
 Zoppi G. et al. 759

Åberg N. et al. 246

Ørnvold K. et al. 650  
 Østergaard J. R. 145

## Subject Index

### Allergy

Allergic alveolitis 145  
 Allergic diseases in school children 246  
 Atopic dermatitis and bacterial endocarditis 463  
 Atopic disease and IgE sensitization 239  
 Atopy and family history 896, 902

### Anthropometry

Reference values 307  
 Trunk asymmetry and scoliosis 747

### Asthma

Vomiting as presenting symptom 968

### Autistic syndromes

In Moebius syndrome 314

### Bilirubin

In cord blood and neonatal jaundice 217  
 Transcutaneous bilirubin readings 824, 844

### Birth defects

Adams-Oliver syndrome 627  
 Fetal hydantoin syndrome, genetics 125  
 Pregnancy varicella and congenital anomalies 963  
 Epidemiology of congenital malformations 657

### Breast feeding

Adequate duration 23  
 Human milk protein standard 171  
 In Islam 777  
 Promotion 817  
 Rotavirus serology and breast-feeding 62

### Breath hydrogen baselines

Diagnostic parameter 775

### Cardiology

Acidosis in pulmonary valve stenosis 800  
 Acute bacterial endocarditis in atopic dermatitis 463  
 Cardiac involvement in postnatal rubella 141  
 Glucose metabolism in VSD 620  
 Hypertrophic cardiomyopathy 482  
 Myocardial dysfunction in hypothyroidism with thalassemia 455  
 Oral PGE<sub>2</sub> in congenital heart disease 635  
 PGE<sub>1</sub> in neonates with congenital heart disease 853

Prognosis in infective endocarditis 615  
 Valvuloplasty in congenital pulmonary stenosis 742

### Cerebral palsy

Changing panorama in Sweden 283  
 Changing pattern in Finland 581  
 CP and perinatal morbidity 664

### Clotting

Protein C in newborns 34

### Clubbing

Neonatal lung disease 631

### Cow's milk

Cow's milk protein antibodies and inflammatory bowel disease 81

### Cystic fibrosis

Cross-infection with *Pseudomonas aeruginosa* 395  
 Lethal respiratory failure in a preterm infant 641  
 Incidence of celiac disease in CF 784  
 Pulmonary resections 317

### Diabetes, insulin dependent

Glomerular hyperfiltration 712  
 Metabolic control and plasma amino acids 278  
 Maturity onset diabetes 74  
 Serum fructosamine and HbA<sub>1c</sub> 451  
 Serum immunoglobulins 639  
 Urinary c-peptide excretion 271

### Diabetes, neonatal

Transient in a pair of twins 469

### Diarrhoea, acute

Acidified milk treatment 259  
 Changing pattern 685  
 Oral rehydration therapy 253  
 Paralytic ileus 701  
 Rehydration solutions 379

### Diarrhoea, persistent

Faecal alpha-1-antitrypsin 265  
 Protracted enteropathy and granulocyte function 323

### Drug reactions

Adverse effects of maternal labetalol 956  
 Auditory function after gentamycin 840  
 Furozamide and ethacrynic acid and serum electrolytes 133  
 Response to pancuronium 829  
 Promethazine ingestion and hallucinations and hyperthermia 131

### Electrolytes

Plasma ionized calcium, phosphate and magnesium in preterm and SGA infants 351  
 Effect of calcium supplementation in preterm infants 525

### Endocrinology

Adrenal cortical adenoma in Recklinghausen's disease 476  
 Adrenocorticotrophic hormone unresponsiveness 482  
 Aetiology of congenital hypothyroidism 67  
 Bone age at birth in CH 412  
 Calcitonin secretion in CH 885  
 Congenital adrenal hypoplasia and glycerol kinase deficiency 893  
 Ectopic thyroid 889

- GH response to GHRH in obesity 329  
 GH treatment in irradiated children 562  
 GH treatment of short stature 555  
 GHRH in optic nerve hypoplasia 436  
 Hypothyroid twins with thalassemia 455  
 Methionyl GH in short stature 426  
 Physiological adjustment to screening for CH 447  
 Pituitary dwarfism and enuresis 479  
 Primary hypothyroidism with pituitary enlargement and blunted GH secretion 136  
 Psychomotor development in CH 405  
 Thyroid gland volume 633  
 Spondyloepiphyseal dysplasia in Turner's syndrome 971
- Epidemiology**  
 Allergic diseases in Swedish school children 246  
 Cerebral palsy in Sweden 283  
 Cerebral palsy in Finland 581  
 Congenital malformations 657  
 Dental caries in immigrant Turkish children 110  
 Distribution of Gaucher gene i Sweden 592  
 Duchenne muscular dystrophy, prevalence in Norway 100  
 Neonatal bacteriuria, prevalence in Nigeria 94  
 Neonatal septicemia in Finland 44  
 Neonatal subcutaneous gangrene 222  
 Perinatal mortality and cerebral palsy morbidity 664  
 SIDS, secular trends in Norway 228
- Epilepsy**  
 Febrile seizures 291
- Gastroenterology, diseases**  
 Crohn's disease, penetration into spinal canal 647  
 Growth in children with celiac disease 950  
 Inflammatory bowel disease and cow's milk protein antibodies 81  
 Protracted enteropathy and functions of granulocytes 323  
 Scanning electron microscopy in celiac disease 549
- Gastroenterology, physiology**  
 Bowel frequency 682  
 Macromolecular absorption in preterm and term infants 532  
 Mumps pancreatitis 129
- Genetics**  
 Fetal hydantoin syndrome 125
- Growth**  
 Effect of cranial irradiation 296
- Hematology**  
 Hereditary methemoglobinemia 149  
 Maternal anemia and effect on fetus 321  
 Thalassemia 149
- Hemolytic uremic syndrome**  
 Treatment with interferon 637
- Hepatology**  
 Indian childhood cirrhosis in European infant 152
- Histiocytosis**  
 Hyperferritinemia in malignant histiocytosis 268
- Human milk**  
 Breast milk IgA and lactoferrin survival 505
- Colostrum macrophages 337  
 Human  $\alpha$ -lactalbumin 629  
 Tymosin  $\alpha$  in milk from Guatemalan women 522
- Immune deficiency diseases**  
 Immunodeficiency and thrombocytopenia 811  
 Transient hypogammaglobulinemia 767  
 X-linked hypogammaglobulinemia 325
- Immunology**  
 Adherence of neutrophils and viral infection 907  
 Breast milk IgA and lactoferrin survival 505  
 Cellular immune responsiveness in renal failure 597  
 Colostral macrophages in human milk 337  
 IgE in cord blood 233  
 Immune system in otitis 911  
 Inborn errors of metabolism  
 Cytotoxicity of galactose, tyrosine and methionine 930  
 Defects in amino acid and fatty acid metabolism with hypoglycemia 161  
 Gene for juvenile Gaucher disease 592  
 Fetal hepatomegaly in type I glycogenosis 954  
 Treatment with peritoneal dialysis 706
- Immunizations**  
 Response to oral rotavirus vaccine and infant nutrition 759
- Infections, bacterial**  
 Bacteremia in Group B Streptococcal disease 952  
 Borrelia infection 918  
*Branhamella catarrhalis* bacteremia 465  
 C3d in neonatal bacterial infections 369  
*Flavobacterium septicum* infection 51  
 Neonatal septicemia, epidemiology 44  
 Neonatal septicemia, prognosis 40  
 Neonatal subcutaneous gangrene 222  
 Prognosis in infective endocarditis 615  
 Pyomyositis 331  
 Pseudomonas infections in CF 395  
*Staphylococcus aureus* bacteremia 56  
 Typhoid fever 653
- Infections, parasitical**  
 Kala-azar 650
- Infections, viral**  
 Congenital cytomegalovirus infection 965  
 Echovirus meningoencephalitis 325  
 HIV-infection in African children 763  
 Maternal hepatitis B carrier and cord serum IgE 127  
 Nosocomial RS- and rhinovirus infections 390  
 Postnatal rubella and cardiac involvement 141  
 Pregnancy varicella and congenital anomalies 963  
 Viral infection and adherence of neutrophils 907
- Iron**  
 Iron stores and hypoglycemia 538
- Lung, diseases**  
 Neonatal lung disease and clubbing 631
- Lung, physiology**  
 Peak flow in 4-6 year old children 544
- Malnutrition**  
 Cognitive development 115  
 Soft neurological signs and EEG-patterns 873

- Mechanical ventilation  
 CPAP and respiratory mechanics in infants 194
- Mental retardation  
 Following febrile seizures 291  
 Selenium in Down's syndrome 879
- Myelomeningocele  
 Disability in children 721
- Nanism  
 Primordial birdheaded nanism 488
- Neonatal intensive care  
*Flavobacterium septicum* infection 51
- Nephrology  
 Chronic renal failure and cellular immune responsiveness 597  
 Evaluation of renal function and morphology 601  
 Nephrotic syndrome and monocyte-macrophage system 87  
 Progressive kidney damage after acute leukemia 608  
 Renal tubular acidosis, monitoring therapy 453  
 Ultrasonic features in congenital nephrotic syndrome 717
- Neurofibromatosis  
 With adrenal cortical adenoma 476
- Neurology  
 Duchenne muscular dystrophy, epidemiology 100  
 Hemorrhagic shock and encephalopathy 458  
 Progressive ataxia in birdheaded nanism 488  
 Spinal lesions and urinary lactic dehydrogenase 588
- Neurophysiology  
 Interpretation of EEG in preterm newborns 210
- Newborn  
 Atrial natriuretic peptide 29  
 Atrial natriuretic peptide in a newborn infant 793  
 Bile peritonitis 782  
 Birthweight and gestation in maternal anaemia 321  
 Bone mineral content 835  
 Congenital cytomegalovirus infection 965  
 Congenital chylothorax 789  
 C3d in neonatal bacterial infections 369  
 Digoxin-like factor in neonates 364  
 Foetal and neonatal exposure to aflatoxins 373  
 Jaundice 217  
 Macromolecular absorption 532  
 Maternal hepatitis B carrier and serum IgE 127  
 Multiple idiopathic emboli 644  
 Neonatal albumin and drug binding 342  
 Neonatal hypoglycemia 538  
 Neonatal jaundice in Nigeria 848  
 Neonatal septicemia, epidemiology 44  
 Neonatal septicemia, prognosis 40  
 Neonatal subcutaneous gangrene 222  
 PGE<sub>2</sub> in neonates with congenital heart disease 853  
 Prevalence of bacteriuria in Nigeria 94  
 Protein C activity and antigen 34  
 Total body bone minerals 347  
 Transient diabetes mellitus 469
- Nutrition  
 Breast-feeding, adequate duration 23  
 Breast-feeding and rotavirus serology 62  
 Eating habits 858  
 Fat content and fatty acids in formulas 513  
 Human milk protein standard 171  
 Infant nutrition and response to rotavirus vaccine 759  
 Non protein nitrogen and true protein in formulas 497  
 Nutrition and health in Sweden 865
- Obesity  
 Body fat distribution 440  
 GH response to GHRH 329  
 Psychosocial stress 568, 576
- Odontology  
 Dental caries in immigrant Turkish children 110
- Oncology  
 Acute lymphoblastic leukemia. Prognosis 104  
 Ceruloplasmin and transferrin in CSF in acute leukemia 327  
 Familial occurrence of neuroblastoma 736  
 Granulocyte sarcoma 473  
 Growth following intracranial irradiation 296  
 Progressive kidney damage after acute leukemia 608  
 Solid tumors, long term psychological aspects 728  
 Thyroid carcinoma 419
- Ophthalmology  
 GHRH in optic nerve hypoplasia 436
- Otitis  
 Otitis and immune system 911
- Outpatient care  
 Outpatient orchiopexy and herniotomy 754
- Patient-Doctor relation  
 Delivering of disturbing information 123
- Pediatric surgery  
 Orhiopexy and herniotomy 754
- Pharmacology  
 Caffeine and cerebral blood flow in preterm infants 205  
 Drug binding and neonatal albumin 342  
 Erythromycin absorption in coeliac disease 959  
 Oral PGE<sub>2</sub> in congenital heart disease 635  
 Pharmacokinetics of theophylline 961
- Physiology  
 Blood pressure and behaviour in preterm infants 358  
 Intestinal electrolyte absorption 379  
 Hypoxia and laryngeal bradycardia reflex 11
- Prenatal diagnosis  
 In hemophilia, psychological aspects 692
- Preterm infants  
 Blood pressure 358  
 Caffeine and theophylline in apnea 786  
 Cerebral blood flow and caffeine 205  
 EEG, interpretation 210  
 Effect of calcium supplementation 525  
 Effects of skin-to-skin contact with mother 189  
 Ionized calcium, phosphate and magnesium 351  
 Macromolecular absorption 532  
 Metabolic differences between AGA and SGA infants 677  
 Neonatal outcome in extremely small newborn infants 180  
 Nutrition and growth 18  
 1-<sup>14</sup>C-octanoate oxidation and vitamin B2 in preterm infants 780

## Radiology

- Gamma camera renography 601

## Screening

- Physiological adjustment to results of CH screening 447

## Serum proteins

- Human  $\alpha$ -lactalbumin in infant serum 629

## Sexual abuse

- Physical examination 935

## Shock

- Hemorrhagic shock 458

## Social paediatrics

- Dental caries in immigrant Turkish children 110
- Family situation, child health and development 1
- Prognosis in offspring of amphetamine abusing mothers 944
- Promotion of breast-feeding 817
- Psychosocial stress and obesity 568, 576

## Sudden infant death syndrome

- Hypoxia and laryngeal reflex 11
- Secular trends 228

## Syndromes

- Down's syndrome, selenium 879
- Goldenhaar anomaly 804
- Oculocerebral hypopigmentation 806
- Sandifer syndrome 797
- Turner's syndrome and spondyloepiphyseal dysplasia 971

## Trace metals

- In offspring of smoking mothers 671
- Molybdenum in plasma in mothers and newborn 319
- Selenium in Down's syndrome 879

## Toxicology

- Aflatoxin exposure in neonates 373
- Exposure to tobacco smoke and excretion of cotinine and nicotine 449
- Neonatal jaundice and exposure in Nigeria 848
- Prognosis in offspring of amphetamine abusing mothers 944
- Trace elements and proteins in serum from offspring of smoking mothers 671

## Ultrasonography

- Thyroid gland volume 633
- Ultrasonic features in congenital nephrotic syndrome 717

## Urinary tract infection

- Prospective study 923

## Virology

- Rotavirus serology in Guinea-Bissau 62

## Vital statistics

- Secular trends of postneonatal mortality in Norway 228

## Vitamins

- Vitamin D status in Hong-Kong 303

